```
1,689.÷
31.•=
54.4838709677*
54.4838709677×
10.%
5.44838709677*
```

5•4483870967+ 59•9322580644\* ANGLE

## PRETREATMENT MONITORING REPORT

NAME: THE STANLEY WORKS

ADDRESS: 480 MYRTLE STREET, NEW BRITAIN, CT 06053 2008

FACILITY LOCATION: 139 CHAPEL STREET, NEWARK, NJ 07105

CATEGORY & SUBPART: UNKNOWN OUTLET#: 1

CONTACT OFFICIAL: DEBI GEYER TELEPHONE: 860-827-5414

NEW CUSTOMER ID/OUTLET ID: 20630009 – 1 OL

\_OLD OUTLET DESINGATION:\_

	M	ONITOR	RING PER	IOD
	STAR	Γ		EN
05	01	08	05	31
MO	DAY	YR	MO	DA

	END	
05	31	08
MO	DAY	YR

	Average	<u>Maximum</u>	
Regulated Flow-gal/day			_
Total Flow-gal/day	56.30	61.93	_
	54.48	59.93	

Method Used: Flow based on total month divided by operational days.

Maximum = Average + 10% (see Table 2)

Production Rate (if applicable) \_

PARAMETER	(04)	MASS O	R CONCENTR	ATION	# OF	SAMPLE TYPE
	(70	MON AVG	MAXIMUM	UNITS	SAMPLES	COMP/GRAB
BIOCHEMICAL OX	Sample Measurement	2.0U				Composite
	Permit Requirement			MG/L		Composite
CADMIUM	Sample Measurement	NA				Composite
	Permit Requirement	0.19	02:13	MG/L		Composite
COPPER	Sample Measurement	NA	600	1076		Composite
	Permit Requirement	3.02	15-11	MG/L		Composite
LEAD	Sample Measurement	NA	JUL .	200-		Composite
	Permit Requirement	0.54	Industrial D	MG/L		Composite
MERCURY	Sample Measurement	NA	Sulai D	pt 6		Composite
	Permit Requirement	0.080	SCO	MG/L		Composite
NICKEL	Sample Measurement	NA				Composite
	Permit Requirement	5.9	05	MG72820		Composite
ZINC	Sample Measurement	0.27	0320.2	30		Composite
	Permit Requirement	1.67	122	MG/L'	3	Composite
PETROLEUM HYDR	Sample Measurement	0.5	202	ASULAN TASTIAN	234	Grab
	Permit Requirement		100	MG/L	50	alaux.
TOTAL TOXIC OR	Sample Measurement	0.00088	E1910	06	3	Grab
	Permit Requirement		W.	MGZLLLO		Grao

PVSC FORM MR-1 REV: 4 6/87 P 1

5

PRETREATMENT MONITO	ORING REPOR	RT					
Certification of Non-Use if ap	plicable (use ac	dditional sheets)	: Not Applicable		JUN 18	2008	The state of the s
				The first of the second			
Compliance or non compliand parameter used: The fo		-	•			ry) for e	very
Explain Method for preservin	ng samples:	TTVO with Ho					
		TPH with HCl	.103				
accordance with a system desubmitted. Based on my inquiry gathering the information, the complete. I am aware that thee and imprisonment for knowing	y of the person of information su are significant	or persons who multiple or persons who multiple or the persons who multiple or persons which we will be a person or pers	anage the system, he best of my known	or those per owledge ar	rsons directly id belief, tru	response, accur	sible for rate and
403.6(a)(2)(ii) revised	by 53 FR 40610	0, October 17, 1	988				
		Debi G. A.	eyer				
	Ex	Oeki G X Signature of Pr secutive or Auth	incipal orized Agent				
		Debi Geyer					
		tor, Environment Type Name and	al Health Safety and Title	nd Security			
		June 17, 2008					
		Date					

PVSC FORM MR-1 REV: 5 3/91 P2

Table 2 - May 2008 Effluent Flow Calculations Former Stanley Tools Facility 139 Chapel Street Newark, New Jersey

Current Monthly Effluent Totalizer (Gallons)		3,869,359	
Effluent Totalizer Reading from Previous Month (Gallons)	(minus) -	3,867,670	
	=	1,689	Gallons for Current Month
Days in Current Month	(divided) /	30	
	·= '	56.30	Total Flow Gallons/Day Average
	(add) +	5.63	10% Maximum Factor
	=	61.93	Total Flow Gallons/Day Maximum



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PA 22-293 NJ PA010



34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

## **ANALYTICAL RESULTS**

Workorder: 9738320 Stanley Tool 05/28/08

Lab ID: 9738320001

Date Collected: 5/28/2008 11:15

Matrix:

Waste Water

Sample ID:

**Effluent Composite** 

Date Received: 5/28/2008 18:00

Parameters	Results Fl	ag Units	RDL	Method Prepared	Ву	Analyzed	Ву	Cntr	RegLmt
WET CHEMISTRY Biochemical Oxygen Demand	2.0 U	mg/L	2.0	SM20-5210 B		5/28/08 23:55	MW O	<b>A</b> .	-
METALS Zinc, Total	0.27	mg/L	0.01	EPA 200.7 6/3/08	BMS	6/4/08 20:18	JWK	B1	

Sample Comments:

Anna G Milliken

Laboratory Manager

Table 1 - May 2008 Total Volatile Organic Compounds Concentrations and Removal Efficiency Former Stanley Tools Facility 139 Chapel Street Newark, New Jersey

Compound	Units	Influent	Effluent
Acrolein	μg/L	NA	25U
Acrylonitrile	μg/L	NA	5U
Benzene	μg/L	0.88J	1U
Bromodichloromethane	μg/L	1U	1U
Bromoform	μg/L	1U	1U
Bromomethane	μg/L	1U	1U
Carbon Tetrachloride	μg/L	1U	1U
Chlorobenzene	μg/L	1U	1U
Chlorodibromomethane	μg/L	1U	1U
Chloroethane	μg/L	1U	1U
2-Chloroethylvinyl Ether	μg/L	3U	3U
Chloroform	μg/L	1U	1U
Chloromethane	μg/L	1U	1U
1,2-Dichlorobenzene	μg/L	1U	1U
1,3-Dichlorobenzene	μg/L	1U	1U
1,4-Dichlorobenzene	μg/L	1U	10
1,1-Dichloroethane	μg/L	1U	1U
1,2-Dichloroethane	μg/L	1U	1U
1,1-Dichloroethene	μg/L	1U	1U
trans-1,2-Dichloroethene	μg/L	1U	10
1,2-Dichloropropane	μg/L	1U	1U
cis-1,3-Dichloropropene	μg/L	1U	1U
trans-1,3-Dichloropropene	μg/L	1U	1U
Ethylbenzene	μg/L	10	1U
Methylene Chloride	μg/L	1U	10
1,1,2,2-Tetrachloroethane	μg/L	1U	1U
Tetrachloroethene	μg/L	0.80U	0.80U
Toluene	μg/L	1U	1U
1,1,1-Trichloroethane	μg/L	1U	10
1,1,2-Trichloroethane	μg/L	1U	1U
Trichloroethene	μg/L	1U	1U
Trichlorofluoromethane	μg/L	1U	1U
Vinyl Chloride	μg/L	1U	1U
Total VOCs (Total Toxic Organics)	μg/L	0.88	0
Total VOCs (Total Toxic Organics)	mg/L	0.00088	0
Percent Removal Efficiency		100.00%	

## Notes:

 $\mu$ g/L = Micrograms per liter.

mg/L = Milligrams per liter.

U = Analyte not detected.

J = Estimated value.



## **Certificate of Analysis**

Project Name:

2008 STANLEY TOOLS WW

Workorder:

9738320

Purchase Order:

Workorder ID: Stanley Tool 05/28/08

Ms. Jodie Spolsky Shaw E & I Inc.-Trenton NJ 200 Horizon Center Blvd. Trenton, NJ 08691

June 12, 2008

Dear Ms. Spolsky,

Enclosed are the analytical results for samples received by the laboratory on Wednesday, May 28, 2008

ALSI is a National Environmental Laboratory Accreditation Conference (NELAC) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAC.

If you have any questions regarding this certificate of analysis, please contact Judy Kester (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at www.analyticallab.com for a listing of ALSI's NELAC accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

CC: Mr. Matt Noblet

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

**Laboratory Manager** 

Anna G Milliken

Report ID: 9738320

Page 1 of 8



#### **SAMPLE SUMMARY**

Workorder: 9738320 Stanley Tool 05/28/08

Discard Date: 06/26/2008

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9738320001	Effluent Composite	Waste Water	5/28/08 11:15	5/28/08 18:00	Cheryl Fodor
9738320002	Effluent Grab	Waste Water	5/28/08 11:30	5/28/08 18:00	Cheryl Fodor
9738320003	Influent Grab	Waste Water	5/28/08 11:45	5/28/08 18:00	Cheryl Fodor
14/					

#### Workorder Comments:

#### Notes

- -- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 Field Services Sampling Plan).
- -- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- -- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- -- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- -- The Chain of Custody document is included as part of this report.

#### Standard Acronyms/Flags

J, B 1	Indicates an estimated value between the Method Detection	Limit (MDL) and the Practical Quantitation Limit (PQL) for the anal	yte
--------	---	---	-----

U Indicates that the analyte was Not Detected (ND)

MDL Method Detection Limit

PQL Practical Quantitation Limit
RDL Reporting Detection Limit

ND Not Detected - indicates that the analyte was Not Detected at the RDL

Cntr Analysis was performed using this container

RegLmt Regulatory Limit

LCS Laboratory Control Sample

MS Matrix Spike

MSD Matrix Spike Duplicate

DUP Sample Duplicate

%Rec Percent Recovery

RPD Relative Percent Difference



Workorder: 9738320 Stanley Tool 05/28/08

Lab ID: 9738320002 Date Collected: 5/28/2008 11:30 Matrix: Waste Water

Sample ID: Effluent Grab Date Received: 5/28/2008 18:00

Parameters 7	Results	Flag	Units	RDL	<b>Me</b> thod Pr	repared By	Analyzed	Ву	Ontr	RegLmt
VOLATILE ORGANICS										
Acrolein	25 U		ug/L	25	EPA 624		6/9/08 19:25	JAH	Α	
Acrylonitrile	5.0 U		ug/L	5.0	EPA 624		6/9/08 19:25	JAH	Α	
Benzene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Bromodichloromethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Bromoform	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Bromomethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Carbon Tetrachloride	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Chlorobenzene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Chlorodibromomethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Chloroethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
2-Chloroethylvinyl ether	3.0 U		ug/L	3.0	EPA 624		6/9/08 19:25	JAH	Α	
Chloroform	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Chloromethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,2-Dichlorobenzene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,3-Dichlorobenzene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,4-Dichlorobenzene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,1-Dichloroethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,2-Dichloroethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,1-Dichloroethene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
trans-1,2-Dichloroethene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,2-Dichloropropane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
cis-1,3-Dichloropropene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
trans-1,3-Dichloropropene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,3-Dichloropropene, Total	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Ethylbenzene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Methylene Chloride	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,1,2,2-Tetrachloroethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Tetrachloroethene	0.80 U		ug/L	0.80	EPA 624		6/9/08 19:25	JAH	Α	
Toluene	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,1,1-Trichloroethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
1,1,2-Trichloroethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Trichloroethene	1.0 ប		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Trichlorofluoromethane	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Vinyl Chloride	1.0 U		ug/L	1.0	EPA 624		6/9/08 19:25	JAH	Α	
Surrogate Recoveries	Results	Flag	Units	Limits	Method Pr	repared By	Analyzed	Ву	Cntr	RegLmt
1,2-Dichloroethane-d4 (S)	99.9		%	72-142	EPA 624		6/9/08 19:25	JAH	Α	
4-Bromofluorobenzene (S)	90.5		%	73-119	EPA 624		6/9/08 19:25	JAH	Α	
Dibromofluoromethane (S)	87.2		%	74-132	EPA 624		6/9/08 19:25	JAH	Α	
Toluene-d8 (S)	106		%	75-133	EPA 624		6/9/08 19:25	JAH	Α	
WET CHEMISTRY										
Total Petroleum	0.5		mg/L	0.4	EPA 418.1	6/4/08 MPP	6/4/08 12:35	MPP	C2	
HC's(NonPolar)										

**FIELD PARAMETERS** 

Report ID: 9738320 Page 4 of 8



Workorder: 9738320 Stanley Tool 05/28/08

Lab ID: 9738320002

Date Collected: 5/28/2008 11:30

Matrix: Waste Water

Sample ID:

**Effluent Grab** 

Date Received: 5/28/2008 18:00

Parameters Results Flag Units RDL Method Prepared By Analyzed By Cntr RegLmt PH, Field (EPA 150.1) 6.82 pH\_Units 150.1/4500B 5/28/08 11:30 CLT E

Sample Comments:

Anna G Milliken

Laboratory Manager



Workorder: 9738320 Stanley Tool 05/28/08

Lab ID: 9738320003 Date Collected: 5/28/2008 11:45

Date Received: 5/28/2008 18:00

Waste Water

Matrix:

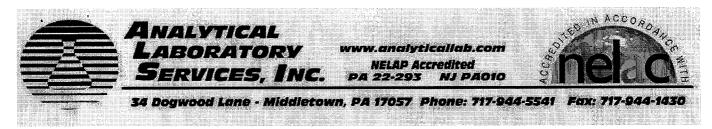
Sample ID: Influent Grab

Ву Cntr RegLmt Results Flag Units RDL Method Prepared Ву Analyzed Parameters **VOLATILE ORGANICS EPA 624** 6/9/08 20:08 JAH Α Benzene 0.88J ug/L 1.0 EPA 624 Α JAH Bromodichloromethane 1.0 U ug/L 1.0 6/9/08 20:08 **EPA 624** 6/9/08 20:08 JAH Α 1.0 U ug/L 1.0 Bromoform Α Bromomethane 1.0 U ug/L 1.0 **EPA 624** 6/9/08 20:08 JAH **EPA 624** 6/9/08 20:08 JAH Α Carbon Tetrachloride 1.0 U ug/L 1.0 **EPA 624** 6/9/08 20:08 JAH Α 1.0 U ug/L 1.0 Chlorobenzene EPA 624 6/9/08 20:08 .IAH Α Chlorodibromomethane 1.0 U ug/L 1.0 **EPA 624** Α 6/9/08 20:08 JAH Chloroethane 1.0 U ug/L 1.0 Α 2-Chloroethylvinyl ether 3.0 U 3.0 **EPA 624** 6/9/08 20:08 JAH ug/L **EPA 624** 6/9/08 20:08 JAH Α 1.0 Chloroform 1.0 U ug/L EPA 624 6/9/08 20:08 JAH Α Chloromethane 1.0 U ug/L 1.0 **EPA 624** Α 6/9/08 20:08 JAH. 1,2-Dichlorobenzene 1.0 U ug/L 1.0 ug/L **EPA 624** 6/9/08 20:08 JAH Α 1.0 U 1.0 1.3-Dichlorobenzene Α **EPA 624** 6/9/08 20:08 JAH 1,4-Dichlorobenzene 1.0 U ug/L 1.0 **EPA 624** JAH Α 6/9/08 20:08 1.1-Dichloroethane 1.0 U ug/L 1.0 **EPA 624** 6/9/08 20:08 Α 1.0 U ug/L 1.0 JAH 1.2-Dichloroethane EPA 624 6/9/08 20:08 HAI. Α 1,1-Dichloroethene 1.0 U ug/L 1.0 **EPA 624** ug/L 6/9/08 20:08 JAH trans-1.2-Dichloroethene 1.0 U 1.0 Α 1.0 U 1.0 **EPA 624** 6/9/08 20:08 JAH 1,2-Dichloropropane ug/L **EPA 624** 6/9/08 20:08 JAH Α 1.0 cis-1,3-Dichloropropene 1.0 U ug/L **EPA 624** 6/9/08 20:08 JAH Α trans-1,3-Dichloropropene 1.0 U ug/L 1.0 **EPA 624** JAH Α 6/9/08 20:08 Ethylbenzene 1.0 U ug/L 1.0 **EPA 624** Methylene Chloride ug/L 6/9/08 20:08 JAH 1.0 U 1.0 1,1,2,2-Tetrachloroethane 1.0 U ug/L 1.0 **EPA 624** 6/9/08 20:08 JAH Α **EPA 624** 6/9/08 20:08 JAH Α Tetrachloroethene 0.80 U ug/L 0.80 **EPA 624** 6/9/08 20:08 JAH Α Toluene 1.0 U ug/L 1.0 **EPA 624** Α 6/9/08 20:08 JAH 1,1,1-Trichloroethane 1.0 U ug/L 1.0 **EPA 624** 6/9/08 20:08 Α 1,1,2-Trichloroethane 1.0 U ug/L 1.0 JAH Α Trichloroethene 1.0 U ug/L 1.0 **EPA 624** 6/9/08 20:08 JAH **EPA 624** 6/9/08 20:08 JAH Α ug/L 1.0 Trichlorofluoromethane 1.0 U Vinyl Chloride 1.0 U ug/L 1.0 **EPA 624** 6/9/08 20:08 JAH Α Results Ву Cntr RegLmt Surrogate Recoveries Units Limits Method Prepared By Analyzed Flag **EPA 624** JAH Α 1,2-Dichloroethane-d4 (S) 98.6 % 72-142 6/9/08 20:08 **EPA 624** 6/9/08 20:08 JAH Α 4-Bromofluorobenzene (S) 87.8 % 73-119 Α **EPA 624** % JAH Dibromofluoromethane (S) 88.1 74-132 6/9/08 20:08 % 75-133 **EPA 624** 6/9/08 20:08 JAH Α 103 Toluene-d8 (S)

Sample Comments:

Report ID: 9738320

Page 6 of 8



Workorder: 9738320 Stanley Tool 05/28/08

Lab ID: 9738320003 Date Collected: 5/28/2008 11:45

Matrix:

Influent Grab Sample ID:

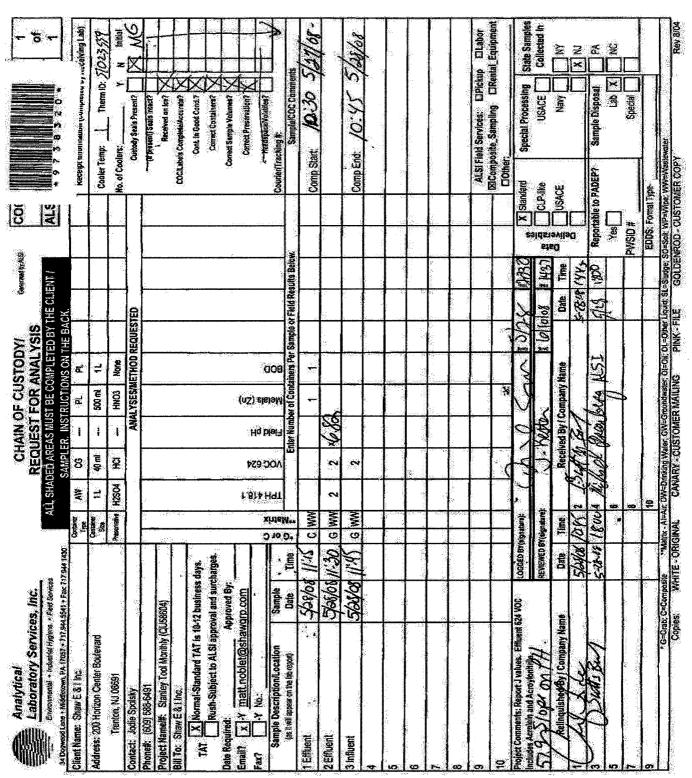
Date Received: 5/28/2008 18:00

Waste Water

Flag Units RDL Method Prepared By Analyzed By Cntr RegLmt Results **Parameters** 

> Anna G Milliken Laboratory Manager





Report ID: 9738320

Page 8 of 8

Shaw Environmental, Inc.

200 Horizon Center Boulevard Trenton, NJ 08691-1904 609.584.8900 Fax: 609.588.6300



# Letter of Transmittal

Dat	te:	June 17, 2008	ē .	
Phon	To: -	Angela Dees Industrial and Pollution Control Passaic Valley Sewerage Commissioners 600 Wilson Avenue Newark, NJ 07105 973.344.1800	Next Day  Next Day  2-Day Ove	Air Priority Overnight (8 a.m. UPS) Air Overnight (10 a.m. UPS) Saver Overnight (3 p.m. UPS) ernight (UPS) lail (USPS) every - Received by: Print name:
CESTION NO.	NEXCES	ding you the following items:		☐Under Separate Cover
No.		escription		
1		y 2008 PVSC Surcharge Mor 9 Chapel Street, Newark, New		
For As	r you Req <b>ks:</b> <u>I</u>	uested Fo	r your use r Approval ing the attached mo	Approved as noted For Review  onthly surcharge monitoring report
				Math
Project	t/WE	3S: 130879.01000000 	Signed Name (Print)	Matt Noblet
Copy to	o:	Debi Geyer – The Stanley W File	orks	
Trar	nsm	ittal Only		

Shaw Environmental, Inc.

200 Horizon Center Boulevard Trenton, NJ 08691-1904 609.584.8900 Fax: 609.588.6300



# **Letter of Transmittal**

Date:		June 17, 2008			
	o: - -	Debi Geyer Director, Environmental Health Safety and Security The Stanley Works Route 2, Briggs Drive East Greenwich, RI 02818 401.471.4336 (ex 32336)	Next Day  Next Day  Next Day  2-Day Ov  Regular N	Air Priority Overnight (8 a.m. UPS) Air Overnight (10 a.m. UPS) Saver Overnight (3 p.m. UPS) ernight (UPS) Mail (USPS) ivery - Received by: Print name:	
DESIGNATION OF	Number	nding you the following items:		☐Under Separate Cover	
No.	ט	escription			
1	Ma	lay 2008 PVSC Surcharge Monitoring Report			
139 Chapel Street, Newark, New Jersey					
For your information As Requested For Approval/Signature For Review  Remarks:					
Project	·/w/F	<b>3S</b> : 130879-01000000	Signed	Math	
			0.304		
			Name (Print)	Matt Noblet	
Copy to	o:	File			
☐Transmittal Only ☑Entire Package					